

Abstract of the Disclosure

Figure 1 displays 12 histograms arranged in a 6x2 grid, showing the distribution of the number of non-zero elements in the vector x for different values of n (10 and 20) and k (1 through 6). The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are generally centered around a value that increases with n and decreases with k .